

EXHIBIT B-2

<p>DE teaches a method of pressurizing a solute solution and converting the pressure to energy (by a turbine or by a reciprocating machine which is a piston machine; see claims 22, page 8 and 28, page 9 of the English translation of the reference; piston in the reciprocating machine has linear displacement),</p>	<p>The Applicant disputes that DE teaches a pressurizing system. Fluids of different concentrations are each fed past one side of a semi-permeable dividing wall respectively. By osmotic process due to absorption of solvent from the fluid with the lower concentration, the fluid with the higher concentration is diluted with an increase in mass and the pressure reduced to a predetermined level by expansion of the fluid with the higher concentration. See DE Abstract. Thus, there is no pressurization of a chamber and the DE system operates in the same manner as Loeb in that it is the increase in volume and not an increase in pressure that provides the energy to do the work.</p>
<p>using a solvent by passing the solvent across into the solution through a semi permeable membrane – see figures.</p>	<p>The Applicant agrees that this takes place in the DE reference.</p>
<p>The solution is exhausted after the pressure is converted to energy as claimed. Solvent chamber pressure reduces due to loss of solvent by osmosis, which would inherently create a loss of pressure, or vacuum,. The solvent chamber (5) is pressurized by a pump - see figure 1, pump 22.</p>	<p>There is no teaching of a vacuum and in fact the use of a discharge line (17) in figure 1 implies that there is no vacuum formed as this is a continuous system in that as water flows in, what is not osmotically transferred, is then discharged via line 17.</p>
<p>DE teaches solvent recycle; and the process of evaporation can be optimally selected from the various available methods - see page 16-20 of the English translation (especially, page 18) - including air circulation, heat pump, and solar energy. Using vacuum for evaporation, particularly at ambient temperature, is known in the art.</p>	<p>The Applicant agrees that the DE reference teaches the use of solvent recycling using solar energy.</p>
<p>Even though the reference does not explicitly teach a third chamber, it is implied in terms of evaporation ponds or evaporators and condenser required in the various recycling schemes contemplated by the reference, which include both solvent and concentrated solute solution</p>	